NAHANNI NATIONAL PARK RESERVE

SURVEY REPORT 1982

Socio-Economic Division
Program Management
Parks Canada
April 1983

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1.0 INTRODUCTION

Nahanni National Park Reserve, in the southwestern corner of the Northwest Territories, is a wilderness area of 4,766 km^2. Nahanni is best known for its whitewater, spectacular canyon systems, hot springs, and Virginia Falls. The South Nahanni River provides the recreational corridor by which visitors are able to view the natural and cultural resources of the park reserve. Rafting, canoeing, and powerboating are the three principal modes of travel on the South Nahanni River. As the park reserve is a wilderness area only primitive campsites are provided, equipped with picnic tables, fire grills and pit toilets.

During the summer of 1982 there were 452 registered overnight visitors in Nahanni National Park Reserve. Table 1.1 below illustrates the breakdown of the registered overnight visitors by travel mode within the park reserve.

TABLE 1.1

Registered Overnight Visitors By Travel Mode 1982

Travel Mode	Number	% of Total
Canoe/Kayak	242	53.5
Raft	145	32.0
Power/Jet Boat	63	14.0
Airplane	2	0.5
TOTAL	452	100.0

.../2

The 1982 Nahanni National Park Reserve visitor survey was conducted by Parks Canada to gather information on the above population essential to preparing a management plan for the park reserve. The survey is comprised of three main sections which pertain to background information on the population, attitudes to management issues, and economic data. Reference to the planning report presented in Appendix A provides detailed information on research objectives and survey design.

2.0 METHODOLOGICAL EVALUATION

2.1 Respondent Selection

All overnight visitors to Nahanni National Park Reserve were required to register prior to entering the park reserve (Appendix B). The population of 452 overnight visitors is made up of 285 households (persons with same permanent address). A census of all households was conducted by randomly selecting a respondent from each permanent address. Sampling variance results in several questions which relate specifically to the individual drawn from the household, eg. age, sex, education, attitudes on management issues. For most of the information gathered by the survey the sampling variance will be nil since the individual selected from each permanent address will be representative of the other household member(s). For example, origin, expenditures, mode of transportation, and use of facilities will not vary within the household unit.

.../3

2.2 Treatment of Non-Response

Of the 285 households surveyed, 219 questionnaires were returned (77%). Weights were developed to provide representative results from rafters, canoeists, and boaters by their region of origin. Each cell was multiplied by the average household size to increase the responses to the population total. The following tables illustrate the weighting procedure. (Tables 2.1, 2.2, 2,3.)

TABLE 2.1

Rafters

	Yukon NWT	B.C. Alberta	Other Canada	USA	Europe
# of Registered Visitors Included in Survey	5	59	15	56	10
# of Households	2	37	15	38	5
# of Respondents	1	17	15	23	4
Average Household Size	2.5	1.58	1.0	1.48	2.0
Overall Weight*	5.0	3.44	1.0	2.49	2.5

*Overall Weight given by: $\frac{\text{Households}}{\text{Response Rate}}$ X average household size for each group

TABLE 2.2

Boaters

	Yukon NWT	B.C. Alberta	Other Canada	USA	Europe
# of Registered Visitors Included in Survey	29	30	2	3	0
# of Households	7	14	1	2	0
# of Respondents	2	12	1	1	0
Average Household Size	4.1	2.14	2.0	1.5	---
Overall Weight*	14.35	2.49	2.0	3.0	---

TABLE 2.3

CANOEISTS

	Yukon NWT	B.C. Alberta	Other Canada	USA	Europe
# of Registered Visitors Included in Survey	16	65	104 ,	39	17
# of Households	9	39	79	29	8
# of Respondents	9	32	73	23	5
Average Household Size	1.77	1.66	1.32	1.33	2.16
Overall Weight*	1.77	2.02	1.43	1.68	3.46

*Overall Weight given by: $\frac{\text{Households}}{\text{Response Rate}}$ X average household size for each group

.../5

2.3 Methods To Increase Response Rate

The following methods were used to increase the likelihood of a response:

1) Park staff informed all visitors that a survey would be conducted in 1982 for management planning purposes;

2) Return postage was provided on all self-addressed envelopes. European postage was obtained from stamp dealers in lieu of using the international postage certificate because of the increased burden to respondents associated with the latter;

3) Respondents were informed that a poster of the «World Heritage Sites» which included a scene of Virginia Falls (Nahanni National Park Reserve) would be forwarded to them upon receipt of their completed questionnaire; and

4) Reminder cards were sent two weeks after the initial mailing of the survey. If the respondent had not replied within three weeks an additional questionnaire and reminder letter was mailed.

(Questionnaire, covering letters, and thankyou letters are presented in Appendix C.)

3.0 DATA PROCESSING

Data were coded in a fixed block format and keypunched onto cards. Subsequently the data were transferred to a Data Crown disk and processed using Statistical Package for the Social Sciences (SPSS). The coding manual and SPSS system file are presented in Appendix D. Information regarding the use of the SPSS sytem file can be obtained by contacting the Data Base Administrator, Socio-Economic Division, Parks Canada, Hull.

4.0 ANALYSES OF DATA

Analyses of the survey results will be conducted in the near future by Prairie Regional Office, Socio-Economic Research Division.

APPENDIX A

PLANNING REPORT

PLANNING REPORT

NAHANNI NATIONAL PARK

VISITOR SURVEY, 1982

Title: Nahanni National Park Visitor Survey

Originator: Parks Canada Prairie Region

Contact: Gilles Gauthier, Manager
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I. INTRODUCTION

Nahanni National Park Reserve is an established park located in the Northwest Territories for which a management plan will be prepared in 1983/84. The proposed survey will gather data which are essential to the development and implementation of the park management plan. Much of the information required for the management plan has been collected by the park as part of a compulsory registration system to meet safety and administrative purposes. Other information which is necessary for management planning, such as the expenditures of day visitors who are not required to register, is available from other sources.

The consequences of not undertaking the proposed study are that segments of information which have been identified as necessary in guidelines for national park management planning exercises will not be available. Furthermore, information required for the public participation process will not be available.

Public relations (particularly with the local communities) and relations with the Northwest Territories may be adversely affected if adequate data, especially on the economic impact of park visitors, are not obtained.

II. RESEARCH OBJECTIVES

The proposed survey has the following objectives:

a) to provide a user profile of trip characteristics,

b) to estimate recreational participation rates in the park,

c) to obtain visitor views with respect to selected park management issues,

d) to determine the extent to which visitors rely on local community accommodation and services,

e) to estimate direct visitor expenditures. This would include information on:

   i) total trip expenditures,

   ii) expenditures in N.W.T. and in select communities surrounding Nahanni National Park.

III. BASIC INFORMATION REQUIREMENTS

Reliable estimates are required to determine the impact of overnight visitors for each of the above objectives. The following variables are necessary to obtain this accurate picture.

Trip Patterns

The primary objective is to determine the attractivity of the park. The N.W.T. Government which is preparing a comprehensive tourism plan will use the information to gain a better understanding of the importance of the park as a means of regional development. The information will also prove useful to the public participation program and local residents in identifying potential business opportunities.

The main items of information will be:

1. -the park as a destination point (main destination, one of several planned stops, or unplanned stop);
2. -length of trip;
3. -route and transportation utilized

Another important aspect of trip patterns concerns the planning that precedes a trip to Nahanni. Park wardens spend considerable time and effort in assisting visitors during registration, particularly those visitors that arrived with little knowledge of the park and conditions of travel. Consideration is being given at present to develop an information package that will improve the visitor's knowledge.

Parks User Data

Some of the park use information necessary for the management plan is available at the park as part of the compulsory entrance registration system. Elements of information required, and not otherwise available because of the nature of the registration system, are the length of stay in the park, and, at various locations in the park, activities participated in, and, lastly, the place where trips begin and end.

This information along with that contained in the registration form (i.e. authorized activities, route, etc.) is necessary to determine the type and possible location of facilities which could logically be considered for development or improvement within the framework of a wilderness river concept.

Expenditure Data

This type of information has direct relevance to a section of Parks Canada policy which states that "Parks Canada will seek to integrate elements of the Parks Canada system with surrounding regions so as to have a positive social, economic, and physical impact". Other than park related operational expenditures data which are available at the park, visitor expenditures data become the essential information which may be obtained solely through the means of a survey. Such information is politically sensitive, with the N.W.T. Government requesting confirmation of economic impact and

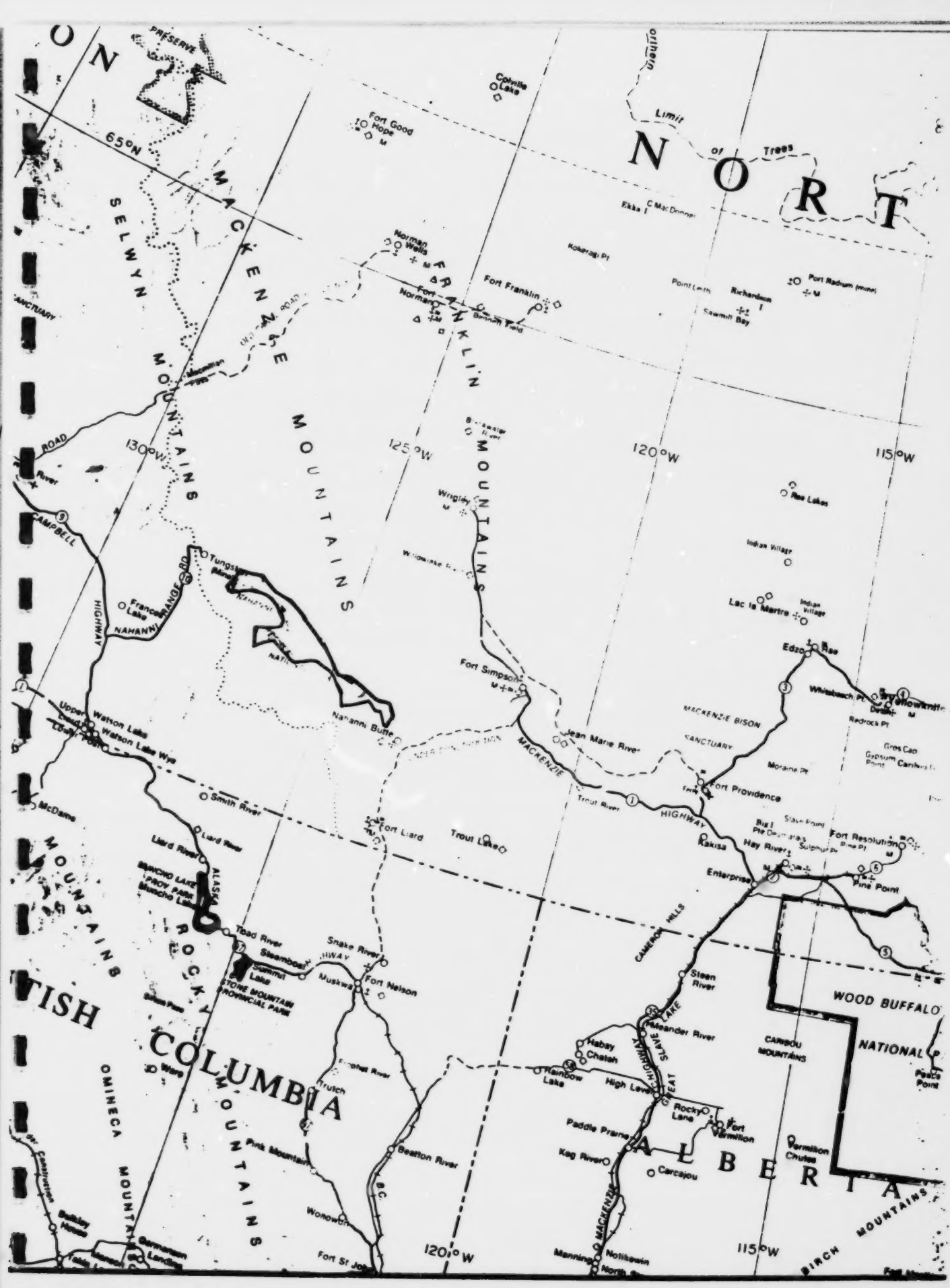
making further negotiations on the development of the national park system conditional on the availability of such information. As a minimum, the following data will be collected:

1. -total trip expenditures;
2. -itemized visitor expenditure data for selective communities and for the N.W.T.

Management Issues

Management issues being considered as part of the management planning process include issues such as boundary expansions, water quality and natural resources management. One of the issues which will be considered a part of the survey deals with user satisfaction and potential uses in the park. PRO considers uncontrolled use of the park by airplanes and motorized boats to be unacceptable for a wilderness park. Consequently it wishes to implement measures by which such activities may be controlled. Questions will be asked on the perception that visitors have of these activities.

Nahanni National Park Reserve has been designated as a wilderness river. Parks Canada is committed to maintaining the wilderness character of the park. The question of any restrictive policies and practices with respect to permissible number of visitors is expected to be an issue, with various conservation groups demanding restrictive measures on the one hand, and the N.W.T. Government requesting unlimited access on the other hand. Questions on crowding will be asked. This information will


NORT
Limit of Trees
65°N
MACKENZIE MOUNTAINS
SELWYN MOUNTAINS
FRANKLIN MOUNTAINS
ROCKY MOUNTAINS
OMINECA MOUNTAINS
BIRCH MOUNTAINS
CAMERON HILLS
CARIBOU MOUNTAINS
130°W
125°W
120°W
115°W
Fort Good Hope
Colville Lake
Norman Wells
Fort Norman
Fort Franklin
Bennett Field
Point Leith
Richardson I
Port Radium (mine)
Wrigley
Ross Lakes
Indian Village
Lac la Martre
Edzo
Rae
Whatì
Gros Cap
Gypsum Point
Redrock Pt
Fort Simpson
Jean Marie River
MACKENZIE BISON SANCTUARY
Fort Providence
Trout River
HIGHWAY
Fort Liard
Trout Lake
Nahanni Butte
Watson Lake
Watson Lake Wye
Smith River
McDame
Liard River
Muncho Lake
Toad River
Steamboat
Summit Lake
STONE MOUNTAIN PROVINCIAL PARK
Snake River
Fort Nelson
Muskwa
Trutch
Pink Mountain
Beatton River
Wonowon
Fort St John
Dawson Creek
Hay River
Kakisa
Enterprise
Fort Resolution
Pine Point
Steen River
Alexander River
Habay
Chateh
Rainbow Lake
High Level
Rocky Lane
Fort Vermilion
Paddle Prairie
Keg River
Carcajou
Vermilion Chutes
Manning
Notikewin
North
WOOD BUFFALO NATIONAL
ALBERTA
BRITISH COLUMBIA
Campbell Highway
Alaska Highway
Mackenzie Highway
Nahanni Range Rd
Mackenzie Mountains Rd

prove of considerable use during the ensuing debate by determining whether actual visitors felt the park to be too crowded during their stay.

Another issue of importance in all management plans are the type and number of facilities which should be offered to visitors. Consideration is presently being given by the planning team to developing hiking trails and to establishing camping areas. This survey will obtain information which will permit planners to gage visitor requirements.

IV. BASIC CONCEPTS

Access to the Park

Nahanni National Park is not accessible at present by road. Visitors are flown directly into the park or to Nahanni Butte which has an airstrip, and from which they may enter the park by jet boat, motor boat, or canoe. Fort Simpson (N.W.T.) and Watson Lake (Yukon) are the major jumping-off points. Both centres are served by regular highways via Edmonton. Charter aircraft are available at both centres.

Type of Visit

There are basically two types of visits. The first, a day visit, is made by a visitor who enters and leaves the park in the same day. This category of visit is not of concern in this study. The second type of visit, an overnight visit, is made by a visitor whose stay in the park is of one or more nights in the park.

Origin

The park keeps detailed information on the origin of visitors for safety purposes. General Regulations - Section 6- states the following: "Any activity in Nahanni National Park involving an overnight stay has been designated as potentially hazardous to those persons involved. All such persons are required to register with the Park Wardens;

a) prior to undertaking such an activity and

b) immediately upon completing or returning from such activity."

In 1981 the origin of registered overnight visitors were as follows:

Yukon Territories	15%
Northwest Territories	7%
British Columbia	14%
Alberta, Sask., Manitoba	12%
Ontario	19%
Quebec	1%
Maritimes	1%
United States	16%
Europe	5%
Other	1%
Unknown	9%

Party Composition

A scrutiny of registration forms reveal that parties are heterogeneous. Parties are composed of persons whose numbers may range from 2 to 20 individuals. These people may be from various origins and have not made the entire vacation trip together. Because of the potentially hazardous nature of the trip in the park, groups are in most cases made up solely of persons over 16 years of age.

V. RESEARCH DESIGN

1. The Survey Population and Survey Frame

For the purposes of the study the population is those visitors to Nahanni National Park who spend one or more nights in the park. Based on registration statistics collected by the park in 1981, there were a total of 68 parties comprising 419 overnight visitors in the park during the period June 1 to September 26. The survey population will consist of overnight visitors during the period of June 1 to September 26.

2. Sample Design

a) The Sample

The parks administration obtains information on all overnight visitors to the park for safety purposes. This information includes the name, address, phone number and next of kin of all such visitors. During the registration process the wardens will inform visitors that a survey will be carried out and that individual visitors may be selected to respond to a questionnaire. Park wardens will be fully briefed on the survey by PRO. Cooperation has been assured by the park superintendent. All addresses will be listed from the registration forms. A questionnaire will be sent to all households or separate addresses listed. Only one questionnaire will be sent to each

household. The recipient will be selected at random.

b) The Sample Size

It is expected that the number of visitors participating in the survey should exceed 250.

3. Data Collection

The principal method of data collection will be a questionnaire which will be mailed to all visitors selected in the sample. A questionnaire will be forwarded to their address of registration accompanied by a prepaid postage envelope. Up to two mailed reminders will be sent to non-respondents after a fixed period of time has elapsed. Respondents will be rewarded with a poster of natural scenery in Nahanni National Park. This offer of reward will be made explicit in the letter accompanying the questionnaire and should serve to encourage the participation of respondents in the survey.

VI. DATA QUALITY CONTROLS

1. The Pretest

No pretest is to be performed on this particular study. A similar study was conducted in the summer of 1981 by G.N.W.T.

2. Data Control Procedures

Copies of registration forms will be sent to SED (Ottawa) on a monthly basis. Mail back questionnaires will be forwarded to participants on the basis of the expected length of stay in the park. A prepaid postage envelope will accompany the questionnaire.

As mentioned in an earlier section of this planning report, up to two mailed reminders will be sent to non-respondents after a fixed period of time has elapsed. Respondents will be promised a poster of natural scenery of Nahanni.

Questionnaires will be coded at SED and quality control will be exercised by the person responsible for the project.

VII. ANALYSIS OF THE DATA

The keypunching edit and verification of computer disks, and processing of data requests will be handled by SED. The Statistical Package for the Social Sciences (SPSS version 7) will be used to compile the necessary tables and statistics.

The keypunching will be verified. A disk will be created and documented in 4 track fixed block 80/6160 format. The disk will be updated by adding or deleting records. Sample weights, visitor origin, and party size will be applied to the survey records to produce a master disk.

What is foreseen is a univariate analysis to produce estimates of the following variables:

- sites visited;
- average expenditures;
- length of stay;
- responses to issues.

Also planned is a cross-tabular multi-variable analysis of those principal variables listed above.

VIII. RESPONSE BURDEN

Time required to respond to the questionnaire should be approximately 15 - 20 minutes.

Since respondents will answer the questionnaire in the comfort of their home upon returning from their trip, the information requested should not be perceived as cumbersome.

Care will be given to ensure that the bulk of the information requested does not overlap or duplicate other information requests or data sources that may be available from the park or from the G.N.W.T.

IX. PUBLIC RELATIONS

The park superintendent or his officers will be the Parks Canada officials who will introduce the survey to park visitors.

The questionnaire which will be sent to the homes of the participants will be accompanied by a letter explaining the purpose of the study and linking data requirements to the management planning exercise. Reminders will also be tactfully and diplomatically formulated.

We should be prepared to provide a summary, with the consent of Prairie Region, of the management plan to anyone specifically requesting it. This is a sound public relations technique, and can also improve cooperation and interest in the survey.

X. TIME AND COSTS

Most mail back questionnaires should be received by December 1982. Data processing should be completed in January 1983.

The estimated total cost of the survey is $4,200.00 with the following estimates:

Printing	$ 200.00
Envelopes and Stamps	300.00
Posters	200.00
Travel	2000.00
Data Processing	500.00
Miscellaneous	1000.00
Total Estimated Cost	$4200.00

XI. REPORTS AND PUBLICATIONS

A computer tape and associated documentation will be provided to Prairie Region, along with a set of selective tables highlighting the results of the survey. PRO will provide a written analysis of results.

Prairie Region will use the results of the survey as information required for the management plan of Nahanni National Park.

XII. CONFIDENTIALITY

Park wardens will advise visitors during registration of the voluntary nature of the survey and that all responses will be kept confidential.

The analysis of the questionnaire will be conducted in a manner so as to ensure the privacy of respondents.

XIII. OFFICIAL LANGUAGE REQUIREMENTS

All relevant data collection forms will be available in both official languages.

APPENDIX B

REGISTRATION FORM

Parks Canada Parcs Canada

NAHANNI NATIONAL PARK
CERTIFICATE OF REGISTRATION

Nº 2124

PLACE OF REGISTRATION _____

1. DATE IN	2. TIME IN	3. RETURN DATE	4. TIME OUT	
MONTH / DAY / YEAR	A.M / P.M.	MONTH / DAY / YEAR	A.M / P.M	

5. PARTY SIZE	ADDITIONAL REGISTRATION NOS. IF APPLICABLE	6. REGISTERED WITH R.C.M.P.	7. FISHING LICENCE	8. FIREARM(S)
	_____ _____	YES ____ NO ____	YES ____ NO ____	YES # ____ NO ____

9. ORGANIZED/COMMERCIAL TOUR? YES ____ NAME _____ NO ____

10. MODE OF TRAVEL AND AUTHORIZED ACTIVITIES IN PARK (✓)

CANOEING	____	CLIMBING	____	CAMPING	____
RAFTING	____	HIKING	____	CAMP FIRES	____
POWER BOAT	____	SKI TOUR	____	OTHER ____ (SPECIFY)	____

OTHER ____ (SPECIFY)
OTHER ____
OTHER ____

11.

	START	FINISH
MOOSE PONDS		
ISLAND LAKES		
LITTLE NAHANNI RIVER		
RABBITKETTLE LAKE		
SEAPLANE LAKE		
VIRGINIA FALLS		
NAHANNI BUTTE		
OTHER _____ (SPECIFY)		
OTHER _____		

12. ROUTE AND SIDETRIPS: _____

13. OTHER REMARKS: _____

14. SIGNATURE OF PARTY LEADER

15. ISSUED BY: (FOR PARK SUPERINDENDENT)

16. CONTACT INCASE OF EMERGENCY: _____

ADDRESS _____ CITY/TOWN _____ PROV/STATE _____ POSTAL CODE _____ AREACODE PHONE

17. PARTY MEMBERS

	NAME	ADDRESS	CITY/ TOWN	PROV/* STATE	POSTAL CODE	AREA CODE	PHONE
A	(LEADER)						
B							
C							
D							
E							
F							
G							
H							
I							
J							

*Specify country if outside CANADA or U.S.A.

CE FORMULAIRE EST AUSSI DISPONIBLE EN FRANÇAIS

APPENDIX C

COVERING LETTER

SURVEY

REMINDER CARD

REMINDER LETTER

Your file Votre référence

Our file Notre référence

RE: NAHANNI NATIONAL PARK
PARK USE SURVEY

Dear Park User:

Parks Canada is currently undertaking a planning process to guide the management of resources and use of Nahanni National Park. The enclosed questionnaire is designed to assist Parks Canada in the formulation of its management plan. In the development of this plan, it is necessary that information be gathered about your trip experience, your trip expenditures and about such aspects as your attitude towards various management options. Your cooperation in providing this information and in sharing some thoughts on these topics is appreciated.

Now that you have completed your trip on the Nahanni River would you please take a few minutes to complete the questionnaire and place it in the STAMPED, SELF-ADDRESSED ENVELOPE and post it in any convenient mailbox. You should note that all responses to the questionnaire will be kept STRICTLY CONFIDENTIAL. Once we receive your completed questionnaire, we will forward to you a commemorative poster of World Heritage Sites.

If you would like to receive information about the Management Plan for Nahanni, please fill out the card provided for this purpose and mail it along with your questionnaire.

We look forward to hearing from you.

Yours sincerely,

Jay Beaman

Jay Beaman
Director, Socio-Economic Division
Parks Canada

(français au verso)

Your file Votre reference

Our file Notre reference

PARC NATIONAL NAHANNI
ENQUETE AUPRES DES USAGERS DU PARC

Cher usager du parc:

Parcs Canada entreprend présentement un processus de planification afin d'orienter la gestion des ressources et de l'utilisation du parc national Nahanni. Le questionnaire ci-inclus, a été développé afin d'aider Parcs Canada dans la formulation de son plan de gestion. Dans le développement de ce plan, il est nécessaire de recueillir des renseignements à propos de votre expérience de voyage, vos dépenses lors de votre voyage ainsi que sur des aspects telle votre préférence à l'égard des diverses possibilités concernant la gestion du parc. Votre coopération à fournir des renseignements et à partager quelques idées sur ces thèmes sera grandement appréciée.

Puisque vous avez maintenant complété votre voyage au parc national Nahanni, pourriez-vous prendre quelques minutes pour compléter le questionnaire et par la suite, de le déposer dans l'enveloppe timbrée et de le mettre à la poste. TOUTES VOS REPONSES SERONT TRAITEES CONFIDENTIELLEMENT. De plus lorsque nous recevrons votre questionnaire dûment rempli, nous vous enverrons une affiche murale commémorant les sites du patrimoine mondial.

Si vous aimeriez recevoir de plus amples renseignements au sujet du plan de gestion pour le parc national Nahanni, veuillez remplir la fiche incluse à cette intention et l'expédier par la poste avec votre questionnaire.

Nous vous remercions à l'avance de votre collaboration.

Bien à vous,

Jay Beaman
Directeur, Division socio-économique
Parcs Canada

(English on reverse)

CARDN [1]

NAHANNI NATIONAL PARK VISITOR SURVEY, 1982

(VERSION FRANCAISE AU VERSO) 2 [ ][ ][ ] 4

ABOUT YOUR VISIT TO THE PARK: This information will be useful in deciding what facilities are required to best serve visitors.

1. HOW LONG DID YOU STAY IN THE PARK ON THIS VISIT?

   _____nights 5 [ ][ ] 6

2. WAS THE PARK: 7 [ ]

   The main destination of your trip from home?..... [ ]1

   One of several major stops you planned on your trip?..... [ ]2

   Other (please specify)_____..... [ ]3

3. DURING THE PERIOD OF TIME YOU WERE IN THE PARK HOW MANY PEOPLE WERE IN THE PARTY YOU TRAVELLED WITH INCLUDING YOURSELF?

   _____persons 8 [ ][ ] 9

4. WHEN YOU VISITED THE PARK WERE YOU TRAVELLING: (Check only one.) 10 [ ]

   By yourself?..... [ ]1

   With family or friends?..... [ ]2

   As part of a club (please name)?
   _____..... [ ]3

   With a commercial tour (please name)?_____... [ ]4

5. FROM WHICH POINTS DID YOU START AND FINISH YOUR TRIP IN THE PARK? (See map of park)

	Start	Finish
Moose Ponds	☐ 1	☐ 1
Island Lakes	☐ 2	☐ 2
Little Nahanni River	☐ 3	☐ 3
Rabbitkettle Lake	☐ 4	☐ 4
Seaplane Lake	☐ 5	☐ 5
Virginia Falls	☐ 6	☐ 6
Nahanni Butte	☐ 7	☐ 7
Deadman Valley	☐ 8	☐ 8
Other (please specify) _____	☐ 9	☐ 9
Other (please specify) _____	☐ 10	☐ 10

11 ☐☐☐☐ 14

6. HOW MANY NIGHTS DID YOU STAY AT EACH OF THE DESIGNATED CAMPSITES LISTED ON YOUR GUIDE? (See map of park)

	# of Nights	
Rabbitkettle Lake	_____	15 ☐☐ 16
Virginia Falls	_____	17 ☐☐ 18
Marengo Creek	_____	19 ☐☐ 20
Big Bend	_____	21 ☐☐ 22
Deadman Valley	_____	23 ☐☐ 24
Kraus Hotsprings	_____	25 ☐☐ 26

7. IN ADDITION TO BOATING AND CAMPING ON THE NAHANNI, WHAT RECREATIONAL ACTIVITIES DID YOU PARTICIPATE IN DURING YOUR VISIT TO THE PARK? (Check as many as apply)

Hiking/Backpacking.....	☐ 1	27 ☐
Climbing (with equipment).....	☐ 2	28 ☐
Sports Fishing.....	☐ 3	29 ☐
Nature Study (birds, plants, wildlife, geology, etc.).....	☐ 4	30 ☐
Photography.....	☐ 5	31 ☐
Other (please specify)_____.....	☐ 6	32 ☐

ABOUT PARK MANAGEMENT ISSUES: A number of management options are available to Parks Canada concerning Nahanni Park. Your opinions are important in assisting us to make these decisions.

8. SHOULD CAMPING TAKE PLACE: 33 ☐

Only in designated campgrounds?.....	☐ 1
Anywhere along the river?.....	☐ 2

9. HOW MANY OTHER VISITOR PARTIES DID YOU MEET IN THE PARK DURING YOUR TRIP ON THE NAHANNI RIVER? 34 ☐☐ 35

_____parties

10. WHAT IS THE MAXIMUM NUMBER OF PARTIES YOU COULD ENCOUNTER IN A SINGLE DAY BEFORE YOU WOULD FEEL YOUR AREA IN THE PARK WAS OVERCROWDED?

36 ☐

None..... ☐ 1

1-3..... ☐ 2

4-6..... ☐ 3

7-10..... ☐ 4

More..... ☐ 5

11. a) DURING YOUR STAY IN THE PARK, DID YOU SEE GROUPS WHOSE BEHAVIOR WAS DISTURBING TO YOU?

37 ☐

Yes..... ☐ 1

No (if no, go to question 12)..... ☐ 2

b) IF YES, PLEASE IDENTIFY THE NATURE OF THE BEHAVIOR, THE LOCATION WHERE THE BEHAVIOR TOOK PLACE, AND THE SIZE OF THE GROUP RESPONSIBLE FOR THE BEHAVIOR.

Nature of Behavior	Location	Size of Group	
_____	_____	_____	38 ☐☐ 40
_____	_____	_____	41 ☐☐ 43
_____	_____	_____	44 ☐☐ 46
_____	_____	_____	47 ☐☐ 49

12. a) SHOULD MEASURES BE TAKEN TO LIMIT THE NUMBER OF VISITORS TO THE PARK? 50 ☐

Yes..... ☐1

No (if no, go to question 13)..... ☐2

b) IF YES, RANK IN ORDER OF PREFERENCE THE TWO MEASURES WHICH COULD BE USED TO LIMIT VISITOR USE. INDICATE YOUR FIRST PREFERENCE WITH A (1), AND YOUR SECOND PREFERENCE WITH A (2). 51 ☐☐ 52

Measure	Rank 1,2
Limit Party Sizes	____
Establish a Reservation System	____
Develop a Lottery System	____
Set a Quota on Number of Parties	____
Other Measures (please specify) _____	____

13. a) DO YOU FEEL YOUR ENJOYMENT WAS DIMINISHED BY: 53 ☐☐ 54

	(check one) Yes	No
Powerboating in the Park?.....	☐1	☐2
Aircraft Landings and Overflights?.....	☐1	☐2

b) IF YES, PLACE A CHECK (✓) BESIDE THE MEASURE WHICH YOU FEEL THE PARK SHOULD ADOPT. CHOOSE ONE MEASURE FOR POWERBOATS AND ONE FOR AIRCRAFT.

55 ☐☐ 56

	Powerboating	Aircraft Landings and Over-Flights
Be allowed in all Areas	☐ 1	☐ 1
Be allowed in Certain Areas of the River	☐ 2	☐ 2
Be allowed but their Number be Limited	☐ 3	☐ 3
Be Restricted Solely to Commercial Outfitters and/or Airplane Companies	☐ 4	☐ 4
Be Restricted Solely to Private Individuals	☐ 5	☐ 5
Not be Allowed	☐ 6	☐ 6
Other (please specify)	☐ 7	☐ 7

_____ _____

_____

14. a) ARE THERE ANY FACILITIES OR SERVICES WHICH YOU WOULD ESPECIALLY LIKE TO SEE DEVELOPED OR IMPROVED IN NAHANNI NATIONAL PARK?

57 ☐

Yes..... ☐ 1

No (if no, go to question 15)..... ☐ 2

b) IF YES, WHICH OF THE FOLLOWING WOULD YOU LIKE DEVELOPED OR IMPROVED? (Check all relevant categories)

Campgrounds	☐ 1	58 ☐
Hiking Trails	☐ 2	59 ☐
Emergency Shelters and Supplies	☐ 3	60 ☐
Information to Plan Trip	☐ 4	61 ☐
Information Received from Park Staff	☐ 5	62 ☐
Other (please specify)_____	☐ 6	63 ☐

15. WHAT WERE THE REASONS THAT MOTIVATED YOU TO TRAVEL THE NAHANNI RIVER?

_____ 64 ☐

_____ 65 ☐

_____ 66 ☐

16. OVERALL, HOW SATISFYING WAS YOUR STAY IN NAHANNI NATIONAL PARK? 67 ☐

The trip exceeded my expectations	☐ 1
I was satisfied with the trip	☐ 2
I was dissatisfied with the trip	☐ 3
The trip was miserable	☐ 4
Other_____	☐ 5

17. WHAT SPECIFIC FACTORS OR FEATURES WERE THE HIGH POINTS OF YOUR STAY ON NAHANNI NATIONAL PARK?

_____ 68 ☐

_____ 69 ☐

_____ 70 ☐

18. IN ADDITION TO THE GENERAL THINGS YOU HAVE ALREADY INDICATED, WHAT SPECIFIC FACTORS DETRACTED FROM YOUR STAY IN NAHANNI NATIONAL PARK?

_____ 71 ☐

_____ 72 ☐

_____ 73 ☐

ABOUT YOUR TRIP: Information on the following will be helpful in identifying private sector opportunities outside the park proper in order to facilitate a trip to the Park.

CARDN 2

19. WHEN YOU WERE PLANNING YOUR TRIP (BEFORE YOU LEFT HOME) WHAT WAS THE MAIN SOURCE OF YOUR INFORMATION ABOUT THE PARK? (Check all relevant categories)

A Previous Visit to the Park.....	☐ 1	5 ☐
Friends and Relatives Who Had Been There.....	☐ 2	6 ☐
Nahanni Park Responses to your Enquiry.....	☐ 3	7 ☐
Other Parks Canada Information.....	☐ 4	8 ☐
Canadian Government Office of Tourism.....	☐ 5	9 ☐
Newspaper, Magazine, Guidebook, or Map.....	☐ 6	10 ☐
Airline.....	☐ 7	11 ☐
Special Interest Group or Club.....	☐ 8	12 ☐
Other (please specify)_____.....	☐ 9	13 ☐

20. BY WHAT ROUTE AND TRANSPORTATION METHOD DID YOU APPROACH THE PARK FROM YOUR HOME? (Check one) 14 ☐

- Mackenzie Highway to Fort Simpson..... ☐ 1
- Alaska Highway to Watson Lake..... ☐ 2
- By Road to Fort Nelson..... ☐ 3
- By Road to Tungsten..... ☐ 4
- Mackenzie and Liard Highway to Blackstone River..... ☐ 5
- By Air to Fort Simpson..... ☐ 6
- By Air to Watson Lake..... ☐ 7
- Other (please specify)_____..... ☐ 8

21. a) ALTOGETHER, HOW MANY NIGHTS WERE YOU AWAY FROM HOME ON THIS ENTIRE TRIP? 15 ☐☐ 16

_____nights

b) HOW MANY NIGHTS DID YOU SPEND IN THE NORTHWEST TERRITORIES (include your stay in the park)? 17 ☐☐ 18

_____nights

c) FOR OUT OF COUNTRY VISITORS, HOW MANY NIGHTS DID YOU SPEND IN CANADA? 19 ☐☐ 20

_____nights

22. a) WERE ANY OF YOUR EXPENSES FOR YOUR TRIP PREPAID BEFORE YOUR DEPARTURE? 21 ☐

- Yes..... ☐ 1
- No (if no, go to question 23)..... ☐ 2

b) IF YES, WHAT WAS THE PREPAID COSTS PER PERSON?

_____(please specify currency) 22☐☐☐☐25

c) WHAT DID THIS INCLUDE? (Select all categories that apply)

Transportation to the N.W.T..... ☐1 26 ☐

Transportation to and from the Park..... ☐2 27 ☐

Other Side Trips in the N.W.T..... ☐3 28 ☐

Accommodation..... ☐4 29 ☐

Meals..... ☐5 30 ☐

Outfitting..... ☐6 31 ☐

Other (please specify)_____..... ☐7 32 ☐☐ 33

23. a) (IF THE TRIP WAS ORGANIZED BY A GROUP OR TOUR COMPANY) DID YOU HAVE TO PAY YOUR OWN TRANSPORTATION AND OTHER EXPENSES FROM YOUR HOME TO A PRE-ARRANGED POINT OF DEPARTURE WITHIN CANADA? 34 ☐

Yes..... ☐1

No (if no, go to question 24)..... ☐2

b) IF YES, WHAT WAS THE COST OF THIS PORTION OF YOUR TRIP PER PERSON?

_____(please specify currency) 35☐☐☐38

We would like to obtain some information concerning the cost of the trip for your household (that is people living at your address who travelled with you). Please answer all of the following question.

24. HOW MUCH OVERALL DID YOUR PERSONAL PARTY SPEND ON THIS TRIP (EXCLUDING TRANSPORTATION COSTS TO AND FROM CANADA IF APPLICABLE) BUT INCLUDING OTHER PREPAID EXPENSES SUCH AS TRANSPORTATION TO THE PARK, ACCOMMODATION, MEALS, ETC.

Overall expenditures_____(Canadian dollars) 39 ☐☐☐☐ 43

In the Northwest Territories only_____(Canadian dollars) 44 ☐☐☐ 47

25. HOW MANY PEOPLE DO THE ABOVE EXPENDITURES INCLUDE? 48 ☐☐ 49

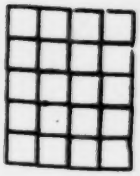
_____people

26. HOW MUCH DID YOUR PERSONAL PARTY SPEND IN THE NORTHWEST TERRITORIES ON EACH OF THE FOLLOWING? (Please include prepaid expenses.)

	Canadian dollars	
Accommodation.....	_____	50 ☐☐☐☐ 53
Meals and Beverages in Hotels and Restaurants..	_____	54 ☐☐☐ 56
Groceries and Beverages Bought in Local Stores.	_____	57 ☐☐☐ 59
Outfitters Fees.....	_____	60 ☐☐☐☐ 63
Other Local Transportation.....	_____	64 ☐☐☐ 66
Entertainment.....	_____	67 ☐☐☐ 69
Local Art Work, Handicrafts, and Souvenirs....	_____	70 ☐☐☐ 72
Other Major Purchases (please specify).....	_____	73 ☐☐☐ 75
_____		
Other Personal and Misc. Expenditures.....	_____	76 ☐☐☐ 78

27. DURING YOUR STAY IN THE NORTHWEST TERRITORIES (NOT INCLUDING YOUR STAY IN THE PARK) HOW MANY NIGHTS DID YOU STAY AT THE FOLLOWING TYPE OF ACCOMMODATION AT EACH OF THESE LOCATIONS?

	Fort Simpson	Nahanni Butte	Yellowknife	Other N.W.T. Communities
Hotels, Motels				
Lodges				
With Friends or Relatives				
Campgrounds				
Other (specify)				

5  8
9 1
13 1
17 2
21 2

THANK YOU FOR ANSWERING THIS QUESTIONNAIRE.

Close to three weeks ago, we sent you a questionnaire to obtain information on your trip to Nahanni National Park.

If you have already completed and returned your questionnaire, please accept our sincere thanks. If not, would you please complete and return the questionnaire to us as soon as possible since your responses will help us in planning future park services to better suit your needs.

If you have misplaced the questionnaire and would like us to send you a new copy, please check the box below, detach the card and return it to us; no postage is required.

Yours truly,

Jay Beaman
Director
Socio-Economic Division
Parks Canada

Business Reply Mail
Postage paid if mailed in Canada
Postage will be paid by

POSTES — CANADA — POSTAGE
2574

Director,
Socio-Economic Division
Parks Canada
Les Terrasses de la Chaudière
10 Wellington Street, 3rd floor
Ottawa, Ontario
K1A 9Z9

Attention: Sandra Neil

☐ I WOULD LIKE A NEW COPY OF THE QUESTIONNAIRE

Il y a environ trois semaines, nous vous avons envoyé un questionnaire dans le but d'obtenir des renseignements sur votre voyage au parc national Nahanni.

Si c'est déjà fait, nous vous prions d'accepter nos sincères remerciements. Dans le cas contraire, veuillez le remplir et nous le retourner le plus tôt possible. Vos réponses nous permettront de mieux planifier nos services futurs en fonction de vos besoins.

Si vous avez égaré le questionnaire et si vous désirez en recevoir un autre, cochez la case ci-dessous, détachez et retournez-nous la carte.

Merci de votre collaboration.

Jay Beaman
Directeur
Division socio-économique
Parcs Canada

Correspondance — Réponse d'Affaires
Se poste sans timbre au Canada
Le port sera payé par

Le Directeur,
Division Socio-économique
Parcs Canada
Les Terrasses de la Chaudière
10, rue Wellington, 3e étage
Ottawa, Ontario
K1A 9Z9

A l'attention de: Sandra Neil

☐ J'AIMERAIS RECEVOIR UN AUTRE QUESTIONNAIRE

Ottawa, Ontario

Your file Votre référence

Our file Notre référence

About one month ago, a questionnaire was forwarded to you to obtain information on your trip to Nahanni National Park. As of today, we have not yet received your completed questionnaire.

Although you may think that your answers to the questions may not exert much weight, please be aware that your comments will be used for planning and designing facilities and to arrive at management options that will increase the visitor's enjoyment of the park as well as protect it for years to come. Because you were randomly chosen from amongst many other visitors, it is important that you complete the questionnaire so that our analysis will be accurate and will represent the opinions and attitudes of our sample population. If at all possible, only you should complete the questionnaire.

In the event that your questionnaire has been misplaced, a replacement is enclosed. Could you please complete and return it as soon as possible. Also, for your convenience, we have enclosed a postage-paid self-addressed envelope for your return of this questionnaire. If you have misplaced or lost this envelope when you go to mail this questionnaire, please sent it to:

Director
Socio-Economic Division
Parks Canada
Les Terrasses de la Chaudiere
10 Wellington Street, 3rd Floor
OTTAWA, Ontario
K1A 1G2

Attn.: Sandra Neil

Your co-operation is greatly appreciated.

Sincerely,

Jay Beaman

Jay Beaman
Director

Ottawa, Ontario

Your file Votre référence

Our file Notre référence

Il y a environ un mois, un questionnaire vous a été envoyé dans le but d'obtenir de l'information sur votre voyage au parc natonal Nahanni. Cependant, nous n'avons pas encore recu votre questionnaire.

Vous croyez peut-être encore que vos réponses n'influenceront pas considérablement la gestion du parc. Soyez cependant assuré que vos observations seront prises en considération lors de la planification, de la conception des installations et de l'élaboration des diverses possibilités concernant la gestion du parc. Ces diverses mesures permettront d'augmenter la satisfaction du visiteur du parc ainsi que de protéger le parc pour les années à venir. Etant donné que vous avez été choisi au hasard parmi de nombreux autres visiteurs, il est important que vous remplissiez ce questionnaire afin que notre analyse soit la plus précise possible et représente fidèlement les opinions et les préférences de notre échantillon. Dans la mesure du possible, il serait préférable que ce soit vous seulement qui le complétiez.

Vous trouverez ci-joint un autre exemplaire du questionnaire au cas où le premier aurait été perdu. Auriez-vous l'obligeance d'y répondre et de nous le retourner sans tarder. Nous vous envoyons à cet effet une enveloppe timbrée. S'il vous arrivait de perdre cette enveloppe, veuillez envoyer tout simplement votre questionnaire à l'adresse suivante:

Directeur
Division socio-économique
Parcs Canada
Terrasses de la Chaudière
10, rue Wellington, 3e étage
OTTAWA, Ontario
K1A 1G2

a/s de Sandra Neil

Nous vous remercions de votre collaboration.

Bien à vous,

Jay Beaman
Directeur

December 16, 1982

Our file Notre reference

Your file Votre reference

About one month ago, a questionnaire was forwarded to you to obtain information on your trip to Nahanni National Park. As of today, we have not yet received your completed questionnaire.

Although you may think that your answers to the questions may not exert much weight, please be aware that your comments will be used for planning and designing facilities and to arrive at management options that will increase the visitor's enjoyment of the park as well as protect it for years to come. Because you were randomly chosen from amongst many other visitors, it is important that you complete the questionnaire so that our analysis will be accurate and will represent the opinions and attitudes of our sample population. If at all possible, only you should complete the questionnaire.

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Director
Socio-Economic Division
Parks Canada
Les Terrasses de la Chaudière
10 Wellington Street, 3rd Floor
OTTAWA, Ontario
CANADA
K1A 1G2

Attn.: Sandra Neil

Your co-operation is greatly appreciated.

Sincerely.

Jay Beaman
Director

Canada

In order to conserve energy and resources, this paper contains post-consumer fibre.

À des fins de conservation de l'énergie et des ressources ce papier contient des fibres recyclées.

16 décembre 1982

Our file Notre reference

Your file Votre reference

Il y a environ un mois, un questionnaire vous a été envoyé dans le but d'obtenir de l'information sur votre voyage au parc national Nahanni. Cependant, nous n'avons pas encore recu votre questionnaire.

Vous croyez peut-être encore que vos réponses n'influenceront pas considérablement la gestion du parc. Soyez cependant assuré que vos observations seront prises en considération lors de la planification, de la conception des installations et de l'élaboration des diverses possibilités concernant la gestion du parc. Ces diverses mesures permettront d'augmenter la satisfaction du visiteur du parc ainsi que de protéger le parc pour les années à venir. Etant donné que vous avez été choisi au hasard parmi de nombreux autres visiteurs, il est important que vous remplissiez ce questionnaire afin que notre analyse soit la plus précise possible et représente fidèlement les opinions et les préférences de notre échantillon. Dans la mesure du possible, il serait préférable que ce soit vous seulement qui le complétiez.

Vous trouverez ci-joint un autre exemplaire du questionnaire au cas où le premier aurait été perdu. Auriez-vous l'obligeance d'y répondre et de nous le retourner sans tarder. S'il vous arrivait de perdre cette enveloppe, veuillez envoyer tout simplement votre questionnaire à l'adresse suivante:

Directeur
Division socio-économique
Parcs Canada
Les Terrasses de la Chaudière
10, rue Wellington, 3e étage
OTTAWA, Ontario
CANADA
K1A 1G2

a/s de Sandra Neil

Nous vous remercions de votre collaboration.

Bien à vous,

Jay Beaman
Directeur

Canada

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APPENDIX D

CODING MANUAL

SPSS SYSTEM FILE

NAHANNI NATIONAL PARK CODEBOOK

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
CARDN	1	1	Card Number	Precoded	1
RESPN	3	2-4	Respondent Number/Origin	Canadian	001-199
				American	200-299
				Other	300-399
Q1 HOW LONG DID YOU STAY IN THE PARK ON THIS VISIT?					
TNITES	2	5-6	Trip Nights	Raw Number	
				No Answer	00
Q2 WAS THE PARK:					
MAINSTOP	1	7	Main Destination	Main Destination	1
				One of Several Stops	2
				Other	3
				No Answer	0
Q3 DURING THE PERIOD OF TIME YOU WERE IN THE PARK HOW MANY PEOPLE WERE IN THE PARTY YOU TRAVELLED WITH INCLUDING YOURSELF?					
PARTSZ	2	8-9	Party Size	Raw Number	
				No Answer	00
Q4 WHEN YOU VISITED THE PARK WERE YOU TRAVELLING:					
PARTYPE	1	10	Type of Party	Yourself	1
				Family or Friends	2
				Club	3
				Commercial Tour	4
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q5 FROM WHICH POINTS DID YOU START AND FINISH YOUR TRIP IN THE PARK?					
TRPRTS	2	11-12	Trip Route Start	Moose Ponds	01
				Island Lakes	02
				Little Nahanni River	03
				Rabbitkettle Lake	04
				Seaplane Lake	05
				Virginia Falls	06
				Nahanni Butte	07
				Deadman Valley	08
				Other	09
				Other	10
				No Answer	00
TRPRTF	2	13-14	Trip Route Finish	Moose Ponds	01
				Island Lakes	02
				Little Nahanni River	03
				Rabbitkettle Lake	04
				Seaplane Lake	05
				Virginia Falls	06
				Nahanni Butte	07
				Deadman Valley	08
				Other	09
				Other	10
				No Answer	00

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q6 HOW MANY NIGHTS DID YOU STAY AT EACH OF THE DESIGNATED CAMPSITES LOCATED ON YOUR GUIDE?					
RABKET	2	15-16	Rabbitkettle Lake	None	98
				Raw Number	1-97
VIRGFALL	2	17-18	Virginia Falls	No Answer	00
MARCREEK	2	19-20	Marengo Creek		
BIGBEND	2	21-22	Big Bend		
DMANVALY	2	23-24	Deadman Valley		
KRAUSPGS	2	25-26	Kraus Hotsprings		
Q7 IN ADDITION TO BOATING AND CAMPING ON THE NAHANNI, WHAT RECREATIONAL ACTIVITIES DID YOU PARTICIPATE IN DURING YOUR VISIT TO THE PARK?					
HIKE	1	27	Hiking/Back-packing	Yes	1
				No	2
CLIMB	1	28	Climbing		
SPRTFISH	1	29	Sport Fishing		
NTSTUDY	1	30	Nature Study		
PHOTO	1	31	Photography		
OTHER1	1	32	Other		
Q8 SHOULD CAMPING TAKE PLACE:					
DESIGCMP	1	33	Camping Location	Designated Campground	1
				Anywhere Along River	2
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q9 HOW MANY OTHER VISITOR PARTIES DID YOU MEET IN THE PARK DURING YOUR TRIP ON THE NAHANNI RIVER?					
NPARTMET	2	34-35	Number of Parties Met	None	98
				Raw Number	1-97
				No Answer	00
Q10 WHAT IS THE MAXIMUM NUMBER OF PARTIES YOU COULD ENCOUNTER IN A SINGLE DAY BEFORE YOU WOULD FEEL YOUR AREA IN THE PARK WAS OVERCROWDED?					
CROWDED	1	36	Maximum Number Could Meet Before Your Area of Park is Overcrowded	None	1
				1-3	2
				4-6	3
				7-10	4
				More	5
				No Answer	0
Q11(a) DURING YOUR STAY IN THE PARK, DID YOU SEE GROUPS WHOSE BEHAVIOUR WAS DISTURBING TO YOU?					
DISTURB	1	37	Disturbing Behaviour	Yes	1
				No	2
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q11(b)	IF YES, PLEASE IDENTIFY THE NATURE OF THE BEHAVIOUR, THE LOCATION WHERE THE BEHAVIOUR TOOK PLACE, AND THE SIZE OF THE GROUP RESPONSIBLE FOR THE BEHAVIOUR.				
NATDIST1	1	38	Nature of the Disturbance	Army Manoeuvres	1
				Garbage	2
				Noise	3
				Vandalism	4
				Power Boats and Aircraft	5
				Unsafe Practices by Others	6
				Overcrowding of Campsites	7
				Other	8
				Blank	9
				No Answer	0
LOCDIST1	1	39	Location	Nahanni Butte	1
				Kraus Hotsprings	2
				Little Nahanni River	3
				Glacier Lake	4
				Virginia Falls	5
				Figure 8 Rapids	6
				Deadman Valley	7
				Other	8
				Blank	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
SIZDIST1	1	40	Size of Group	1-3	1
				4-7	2
				8-11	3
				12-15	4
				16-19	5
				20-29	6
				More than 30	7
				Blank	9
				No Answer	0
NATDIST2	1	41	Nature of Disturbance	Army Manoeuvres	1
				Garbage	2
				Noise	3
				Vandalism	4
				Power Boats and Aircraft	5
				Unsafe Practices by Others	6
				Overcrowding of Campsites	7
				Other	8
				Blank	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
LOCDIST2	1	42	Location	Nahanni Butte	1
				Kraus Hotsprings	2
				Little Nahanni River	3
				Glacier Lake	4
				Virginia Falls	5
				Figure 8 Rapids	6
				Deadman Valley	7
				Other	8
				Blank	9
				No Answer	0
SIZDIST2	1	43	Size of Group	1-3	1
				4-7	2
				8-11	3
				12-15	4
				16-19	5
				20-29	6
				More than 30	7
				Blank	9
				No Answer	0
NATDIST3	1	44	Nature of Disturbance	Army Manoeuvre	1
				Garbage	2
				Noise	3
				Vandalism	4
				Power Boats and Aircraft	5
				Unsafe Practices by Others	6
				Overcrowding of Campsites	7
				Other	8
				Blank	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
LOCDIST3	1	45	Location	Nahanni Butte	1
				Kraus Hotsprings	2
				Little Nahanni River	3
				Glacier Lake	4
				Virginia Falls	5
				Figure 8 Rapids	6
				Deadman Valley	7
				Other	8
				Blank	9
				No Answer	0
SIZDIST3	1	46	Size	1-3	1
				4-7	2
				8-11	3
				12-15	4
				16-19	5
				20-29	6
				More than 30	7
				Blank	9
				No Answer	0
NATDIST4	1	47	Nature of Disturbance	Army Manoeuvres	1
				Garbage	2
				Noise	3
				Vandalism	4
				Power Boats and Aircraft	5
				Unsafe Practices by Others	6
				Overcrowding of Campsites	7
				Other	8
				Blank	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
LOCDIST4	1	48	Location	Nahanni Butte	1
				Kraus Hotsprings	2
				Little Nahanni River	3
				Glacier Lake	4
				Virginia Falls	5
				Figure 8 Rapids	6
				Deadman Valley	7
				Other	8
				Blank	9
				No Answer	0
SIZDIST4	1	49	Size	1-3	1
				4-7	2
				8-11	3
				12-15	4
				16-19	5
				20-29	6
				More than 30	7
				Blank	9
				No Answer	0

Q12(a) SHOULD MEASURES BE TAKEN TO LIMIT THE NUMBER OF VISITORS TO THE PARK?

LVISTRS	1	50	Measures to Limit Numbers	Yes	1
				No	2
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q12(b)	IF YES, RANK IN ORDER OF PREFERENCE THE TWO MEASURES WHICH COULD BE USED TO LIMIT VISITOR USE. INDICATE YOUR FIRST PREFERENCE WITH A (1), AND YOUR SECOND PREFERENCE WITH A (2).				
FIRST	1	51	Preference of Measures	Limit Party Size	1
				Reservation System	2
				Lottery System	3
				Quota	4
				Other	5
				Blank	9
				No Answer	0
SECOND	1	52	Preference of Measures	Limit Party Size	1
				Reservation System	2
				Lottery System	3
				Quota	4
				Other	5
				Blank	9
				No Answer	0
Q13(a)	DO YOU FEEL YOUR ENJOYMENT WAS DIMINISHED BY:				
DIMINSHP	1	53	Powerboating	Yes	1
AIRCRAFT	1	54	Aircraft	No	2
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q13(b)	IF YES, PLACE A CHECK BESIDE THE MEASURES WHICH YOU FEEL THE PARK SHOULD ADOPT. CHOOSE ONE MEASURE FOR POWERBOATS AND ONE FOR AIRCRAFT.				
MPWRBOAT	1	55	Measures Park Should Adopt for Powerboats	No Restrictions	1
				Allowed in Certain Areas	2
				Allowed But Limit Numbers	3
				Just Commercial Outfitters	4
				Restricted to Private Individuals	5
				Not Be Allowed	6
				Park Staff Only	7
				Other	8
				Blank	9
				No Answer	0
MAIRCRFT	1	56	Measures Park Should Adopt for Aircraft	No Restrictions	1
				Allowed in Certain Areas	2
				Allowed But Limit Limit Numbers	3
				Just Commerical Outfitters	4
				Restricted to Private Individuals	5
				Not Be Allowed	6
				Park Staff Only	7
				Other	8
				Blank	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q14(a)	ARE THERE ANY FACILITIES OR SERVICES WHICH YOU WOULD ESPECIALLY LIKE TO SEE DEVELOPED OR IMPROVED IN NAHANNI NATIONAL PARK?				
FACIMPV	1	57	Facilities or Services Improved?	Yes	1
				No	2
				No Answer	0
Q14(b)	IF YES, WHICH OF THE FOLLOWING WOULD YOU LIKE DEVELOPED OR IMPROVED? (CHECK ALL RELEVANT CATEGORIES.)				
CMPGRND	1	58	Campgrounds	Developed	1
				Blank	9
TRLS	1	59	Hiking Trails and Portage Trails	No Answer	0
EMERGNC	1	60	Emergency Shelters and Supplies		
TRIPINFO	1	61	Information		
PARKINF	1	62	Park Information		
OTHER2	1	63	Other		
Q15	WHAT WERE THE REASONS THAT MOTIVATED YOU TO TRAVEL THE NAHANNI RIVER?				
MOTVAT1	1	64	Reasons That Motivated You to Travel the Nahanni River?	Wilderness Experience	1
				Books, Media, Magazines	2
				Previous Visit	3
				Scenery	4
				Personal Challenge	5
				Whitewater Canoeing	6
				Communion with Nature/ Seclusion	7
				Other	8
				Blank	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
MOTVAT2	1	65	Reasons That Motivated you to Travel the Nahanni River?	Wilderness Experience	1
				Books, Media, Magazines	2
				Previous Visit	3
				Scenery	4
				Personal Challenge	5
				Whitewater Canoeing	6
				Communion with Nature/Seclusion	7
				Other	8
				Blank	9
				No Answer	0
MOTVAT3	1	66	Reasons That Motivated you to Travel the Nahanni River?	Wilderness Experience	1
				Books, Media, Magazines	2
				Previous Visit	3
				Scenery	4
				Personal Challenge	5
				Whitewater Canoeing	6
				Communion with Nature/Seclusion	7
				Other	8
				Blank	9
				No Answer	0

Q16 OVERALL, HOW SATISFYING WAS YOUR STAY IN NAHANNI NATIONAL PARK?

SATISFAC	1	67	How Satisfying was Your Stay?	Exceeded My Expectations	1
				Satisfied	2
				Dissatisfied	3
				Miserable	4
				Other	5
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q17 WHAT SPECIFIC FACTORS OR FEATURES WERE THE HIGH POINTS OF YOUR STAY ON THE NAHANNI RIVER?					
HIGHPTS1	1	68	High Points	Virginia Falls	1
				Kraus Hotsprings	2
				Recreational Activities	3
				Scenery	4
				Canyons	5
				Park Staff	6
				Moose Ponds	7
				Other	8
				Blank	9
				No Answer	0
HIGHPTS2	1	69	High Points	Virginia Falls	1
				Kraus Hotsprings	2
				Recreational Activities	3
				Scenery	4
				Canyons	5
				Park Staff	6
				Moose Ponds	7
				Other	8
				Blank	9
				No Answer	0
HIGHPTS3	1	70	High Points	Virginia Falls	1
				Kraus Hotsprings	2
				Recreational Activities	3
				Scenery	4
				Canyons	5
				Park Staff	6
				Moose Ponds	7
				Other	8
				Blank	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q18 IN ADDITION TO THE GENERAL THINGS YOU HAVE ALREADY INDICATED, WHAT SPECIFIC FACTORS DETRACTED FROM YOUR STAY IN NAHANNI NATIONAL PARK?					
DETRACT1	1	71	Detractions	No Campsite at Nahanni Butte	1
				Smoke From Forest Fire/Damage	2
				Presence of Army	3
				Power Boats	4
				Overcrowding	5
				Garbage	6
				Lack of Wildlife	7
				Other	8
				Blank	9
				No Answer	0
DETRACT2	1	72	Detractions	No Campsite at Nahanni Butte	1
				Smoke From Forest Fires/Damage	2
				Presence of Army	3
				Power Boats	4
				Overcrowding	5
				Garbage	6
				Lack of Wildlife	7
				Other	8
				Blank	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
DETRACT3	1	73	Detractions	No Campsite at Nahanni Butte	1
				Smoke From Forest Fires/Damage	2
				Presence of Army	3
				Power Boats	4
				Overcrowding	5
				Garbage	6
				Lack of Wildlife	7
				Other	8
				Blank	9
				No Answer	0
CARDN2	1	1	Card Number	Precoded	2
RESPN2	3	2-4	Respondent Number and Origin	Canadian	001-199
				American	200-299
				Other	300-399

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q19 WHEN YOU WERE PLANNING YOUR TRIP (BEFORE YOU LEFT HOME) WHAT WAS THE MAIN SOURCE OF YOUR INFORMATION ABOUT THE PARK? (CHECK ALL RELEVANT CATEGORIES.)					
PREVISIT	1	5	Previous Visit	Yes	1
FRIENDS	1	6	Friends and Relatives	No	2
				No Answer	0
PARKINFO	1	7	Park Inquiry		
OTHPARK	1	8	Other Parks Canada Information		
CGOT	1	9	Canadian Government Office of Tourism		
MEDIA	1	10	Newspaper, Magazine, Guidebook or Map		
AIRLINE	1	11	Airline		
CLUB	1	12	Special Interest Group or Club		
OTHER3	1	13	Other		

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q20 BY WHAT ROUTE AND TRANSPORTATION METHOD DID YOU APPROACH THE PARK FROM YOUR HOME? (CHECK ONE.)					
ROUTE	1	14	Route Approached Park	Mackenzie Hwy to Fort Simpson	1
				Alaska Hwy to Watson Lake	2
				By Road to Fort Nelson	3
				By Road to Tungsten	4
				Mackenzie and Liard Hwy to Blackstone River	5
				By Air to Fort Simpson	6
				By Air to Watson Lake	7
				Other	8
				No Answer	0
Q21(a) ALTOGETHER, HOW MANY NIGHTS WERE YOU AWAY FROM HOME ON THIS ENTIRE TRIP?					
TRIPNITE	2	15-16	Nights Away From Home	Raw Number	
				No Answer	00
Q21(b) HOW MANY NIGHTS DID YOU SPEND IN THE NORTHWEST TERRITORIES (INCLUDE YOUR STAY IN THE PARK)?					
NWTNITES	2	17-18	Nights in the N.W.T.	Raw Number	
				No Answer	00
Q21(c) FOR OUT OF COUNTRY VISITORS, HOW MANY NIGHTS DID YOU SPEND IN CANADA?					
CANNITES	2	19-20	Nights in Canada	Raw Number	
				Blank	99
				No Answer	00

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q22(a)	WERE ANY OF YOUR EXPENSES FOR YOUR TRIP PREPAID BEFORE YOUR DEPARTURE?				
PREPAID	1	21	Any prepaid Expenses?	Yes	1
				No	2
				No Answer	0
Q22(b)	IF YES, WHAT WAS THE PREPAID COST PER PERSON?				
PRECOST	4	22-25	What was the prepaid Cost per Person?	Raw Number	
				Blank	9999
				No Answer	0000
Q22(c)	WHAT DID THIS INCLUDE? (SELECT ALL CATEGORIES THAT APPLY.)				
TRANNWT	1	26	Transportation to the N.W.T.	Yes	1
				Blank	9
TRANPARK	1	27	Transportation to and from the Park	No Answer	0
SIDETRIP	1	28	Other Sidetrips		
ACCOMMOD	1	29	Accommodation		
MEALS	1	30	Meals		
OUTFIT	1	31	Outfitting		
OTHERA	1	32	Other		
OTHERB	1	33	Other		

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q23(a)	(IF THE TRIP WAS ORGANIZED BY A GROUP OR TOUR COMPANY) DID YOU HAVE TO PAY YOUR OWN TRANSPORTATION AND OTHER EXPENSES FROM YOUR HOME TO A PRE-ARRANGED POINT OF DEPARTURE WITHIN CANADA?				
EXPNSDEP	1	34	Costs to Pre-arranged Point of Departure in Canada?	Yes	1
				No	2
				Blank	9
				No Answer	0
Q23(b)	IF YES, WHAT WAS THE COST OF THIS PORTION OF YOUR TRIP PER PERSON?				
COSTDEP	1	35-38	Cost of This Portion Per Person?	Raw Number	
				Blank	9999
				No Answer	0000
Q24	HOW MUCH OVERALL DID YOUR PERSONAL PARTY SPEND ON THIS TRIP (EXCLUDING TRANSPORTATION COSTS TO AND FROM CANADA IF APPLICABLE) BUT INCLUDING OTHER PREPAID EXPENSES SUCH AS TRANSPORTATION TO THE PARK, ACCOMMODATION, MEALS, ETC.				
TOTLCOST	5	39-43	Overall Expenses	Raw Number	
				Blank	99999
				No Answer	00000
NWTCOST	4	44-47	Overall Expenses in the N.W.T.	Raw Number	
				None	9998
				Blank	9999
				No Answer	0000
Q25	HOW MANY PEOPLE DO THE ABOVE EXPENDITURES INCLUDE?				
PARTYEXP	2	48-49	Number of People Included in the Above Expenditures?	Precoded Raw	01
				No Answer	00

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q26	HOW MUCH DID YOUR PERSONAL PARTY SPEND IN THE NORTHWEST TERRITORIES ON EACH OF THE FOLLOWING? (PLEASE INCLUDE PREPAID EXPENSES.)				
ACCOMBWT	4	50-53	Accommodation	Raw Number	
RESTAUR	3	54-56	Meals, etc. in Hotels, Restaurants	None	9998
				Blank	9999
				No Answer	0000
GROCBEV	3	57-59	Groceries and Beverages	or	
				Raw Number	
OUTERFEE	4	60-63	Outfitters Fees	None	998
				Blank	999
LOCTRANS	3	64-66	Local Transportation	No Answer	000
ENTRTAIN	3	67-69	Entertainment		
CRAFTS	3	70-72	Arts and Crafts		
OTHER4	3	73-75	Other Major Purchases		
PERSONAL	3	76-78	Personal and Miscellaneous Purchases		
CARDN3	1	1	Card Number	Precoded	3
RESPN3	3	2-4	Respondent Number and Origin	Canadian	001-199
				American	200-299
				Other	300-399

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
Q27 DURING YOUR STAY IN THE NORTHWEST TERRITORIES (NOT INCLUDING YOUR STAY IN THE PARK) HOW MANY NIGHTS DID YOU STAY AT THE FOLLOWING TYPE OF ACCOMMODATION AT EACH OF THESE LOCATIONS?					
HOTFSIMP	1	5	Hotel or Motel in Fort Simpson	Raw Number	
				Blank	9
HOTNAHNI	1	6	Hotel or Motel in Nahanni Butte	No Answer	0
HOTYELLO	1	7	Hotel or Motel in Yellowknife		
HOTOTH	1	8	Hotel or Motel - Other Location		
LOGFSIMP	1	9	Lodge at Fort Simpson		
LOGNAHNI	1	10	Lodge at Nahanni Butte		
LOGYELLO	1	11	Lodge at Yellowknife		
LOGOTH	1	12	Lodge - Other Location		
FRNFSIMP	1	13	Friends or Relatives at Fort Simpson		
FRNNAHNI	1	14	Friends or Relatives at Nahanni Butte		
FRNYELLO	1	15	Friends or Relatives at Yellowknife		
FRNOTH	1	16	Friends or Relatives at Other Location		
CAMPSIMP	1	17	Campground at Fort Simpson		

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
CAMNAHNI	1	18	Campground at Nahanni Butte		
CAMYELLO	1	19	Campground at Yellowknife		
CAMOTH	1	20	Campground at Other Location		
OTHFSIMP	1	21	Other at Fort Simpson		
OTHNAHNI	1	22	Other at Nahanni Butte		
OTHYELLO	1	23	Other at Yellowknife		
OTHOTH	1	24	Other at Other Location		
CARDN4	1	1	Card Number	Precoded	4
RESPN4	3	2-4	Respondent Number and Origin	Canadian	001-199
				American	200-299
				Other	300-399
REGISTER	4	5-8	Registration Number	Raw Number	
PLACEREG	1	9	Place of Registration	Fort Simpson	1
				Rabbitkettle	2
				Nahanni Butte	3
				Other	4
				Blank	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
DATEIN	3	10-12	Date Entered Park	April 1	091
				2	092
				3	093
				4	094
				5	095
				6	096
				7	097
				8	098
				9	099
				10	100
				11	101
				12	102
				13	103
				14	104
				15	105
				16	106
				17	107
				18	108
				19	109
				20	110
				21	111
				22	112
				23	113
				24	114
				25	115
				26	116
				27	117
				28	118
				29	119
				30	120

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
DATEIN (con't)				May 1	121
				2	122
				3	123
				4	124
				5	125
				6	126
				7	127
				8	128
				9	129
				10	130
				11	131
				12	132
				13	133
				14	134
				15	135
				16	136
				17	137
				18	138
				19	139
				20	140
				21	141
				22	142
				23	143
				24	144
				25	145
				26	146
				27	147
				28	148
				29	149
				30	150
				31	151

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
DATEIN (con't)				June 1	152
				2	153
				3	154
				4	155
				5	156
				6	157
				7	158
				8	159
				9	160
				10	161
				11	162
				12	163
				13	164
				14	165
				15	166
				16	167
				17	168
				18	169
				19	170
				20	171
				21	172
				22	173
				23	174
				24	175
				25	176
				26	177
				27	178
				28	179
				29	180
				30	181

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
DATEIN (con't)				July 1	182
				2	183
				3	184
				4	185
				5	186
				6	187
				7	188
				8	189
				9	190
				10	191
				11	192
				12	193
				13	194
				14	195
				15	196
				16	197
				17	198
				18	199
				19	200
				20	201
				21	202
				22	203
				23	204
				24	205
				25	206
				26	207
				27	208
				28	209
				29	210
				30	211
				31	212

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
DATEIN (con't)				August 1	213
				2	214
				3	215
				4	216
				5	217
				6	218
				7	219
				8	220
				9	221
				10	222
				11	223
				12	224
				13	225
				14	226
				15	227
				16	228
				17	229
				18	230
				19	231
				20	232
				21	233
				22	234
				23	235
				24	236
				25	237
				26	238
				27	239
				28	240
				29	241
				30	242
				31	243

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
DATEIN (con't)				September 1	244
				2	245
				3	246
				4	247
				5	248
				6	249
				7	250
				8	251
				9	252
				10	253
				11	254
				12	255
				13	256
				14	257
				15	258
				16	259
				17	260
				18	261
				19	262
				20	263
				21	264
				22	265
				23	266
				24	267
				25	268
				26	269
				27	270
				28	271
				29	272
				30	273
				Blank	999

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
DATEOUT	3	13-15	Date Exit Park	(Same codes as Variable "DATEIN")	
STAY	2	16-17	Length of Stay	Raw Number	
				No Answer	00
PARSIZE	2	18-19	Party Size	Raw Number	
				No Answer	00
RCMP	1	20	Registered with the RCMP	Yes	1
				No	2
				No Answer	0
FISHLIC	1	21	Fishing Licence	Yes	1
				No	2
				No Answer	0
FIREARMS	1	22	Firearms	Yes	1
				No	2
				No Answer	0
TOUR	1	23	Organised Tour	Yes	1
				No	2
				No Answer	0
TMODE	3	24-26	Mode of Transportation in Park	Canoe	122
				Raft	212
				Powerboat	221
				Other	222

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
AUTHORIZED ACTIVITIES IN THE PARK:					
CLIMBING	1	27	Climbing	Yes	1
HIKING	1	28	Hiking	No	2
SKITOUR	1	29	Ski Tour	Blank	9
CAMPING	1	30	Camping	No Answer	0
CAMPFIRE	1	31	Campfire		
OTHER5	1	32	Other		
START	1	33	Where trip started.	Moose Ponds	1
				Island Lakes	2
				Little Nahanni	3
				Rabbitkettle	4
				Seaplane Lake	5
				Virginia Falls	6
				Nahanni Butte	7
				Other	8
				Other	9
				No Answer	0
FINISH	1	34	Where trip finished.	Moose Ponds	1
				Island Lakes	2
				Little Nahanni	3
				Rabbitkettle	4
				Seaplane Lake	5
				Virginia Falls	6
				Nahanni Butte	7
				Other	8
				Other	9
				No Answer	0

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
TREGION	2	35-36	Region of Origin	NEWFOUNDLAND AND LABRADOR	01
				PRINCE EDWARD ISLAND	02
				NOVA SCOTIA	03
				NEW BRUNSWICK	04
				QUEBEC	05
				ONTARIO	06
				MANITOBA	07
				SASKATCHEWAN	08
				ALBERTA	09
				BRITISH COLUMBIA	10
				YUKON TERRITORY	11
				NORTHWEST TERRITORIES	12
				NEW ENGLAND	13
				Maine	
				Vermont	
				New Hampshire	
				Massachusetts	
				Rhode Island	
				NORTH EAST	14
				New York	
				Connecticut	
				New Jersey	
				Pennsylvania	
				Delaware	
				Maryland	
				Virginia	
				West Virginia	
				Washington D.C.	

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
REGION (con't)				MIDWEST	15
				Missouri	
				Illinois	
				Iowa	
				Minnesota	
				Wisconsin	
				Michigan	
				Ohio	
				Indiana	
				SOUTH	16
				North and South Carolina	
				Georgia	
				Florida	
				Alabama	
				Mississippi	
				Louisiana	
				Arkansas	
				Tennessee	
				Kentucky	
				WEST	17
				Washington	
				Oregon	
				Montana	
				Idaho	
				California	
				Nevada	
				Arizona	
				New Mexico	
				Utah	
				Wyoming	
				Colorado	
				North and South Dakota	
				Nebraska	

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
TREGION (con't)				WEST (con't)	
				Kansas	
				Oklahoma	
				Texas	
				Alaska	
				Hawaii	
				UNITED KINGDOM	18
				NETHERLANDS	19
				BELGIUM	20
				FRANCE	21
				WEST GERMANY	22
				LUXEMBOURG	23
				SWITZERLAND	24
				NORWAY	25
				SWEDEM	26
				DENMARK	27
				FINLAND	28
				ICELAND	29
				GREENLAND	30
				ITALY	31
				SPAIN	32
				PORTUGAL	33
				GREECE	34
				EASTERN EUROPE	35
				JAPAN	36
				AUSTRALIA AND NEW ZEALAND	37
				MEXICO	38
				CENTRAL AND SOUTH AMERICA	39
				OTHER	97
				UNKNOWN	99

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
FSTMAIL	3	37-39	First Mailing	October 1	274
				2	275
				3	276
				4	277
				5	278
				6	279
				7	280
				8	281
				9	282
				10	283
				11	284
				12	285
				13	286
				14	287
				15	288
				16	289
				17	290
				18	291
				19	292
				20	293
				21	294
				22	295
				23	296
				24	297
				25	298
				26	299
				27	300
				28	301
				29	302
				30	303

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
FSTMAIL (con't)				November 1	304
				2	305
				3	306
				4	307
				5	308
				6	309
				7	310
				8	311
				9	312
				10	313
				11	314
				12	315
				13	316
				14	317
				15	318
				16	319
				17	320
				18	321
				19	322
				20	323
				21	324
				22	325
				23	326
				24	327
				25	328
				26	329
				27	330
				28	331
				29	332
				30	333

VARIABLE LABEL	FIELD SIZE	COLUMN(S)	NAME/ DESCRIPTION	VALUE	CODES
FSTMAIL (con't)				December 1	334
				2	335
				3	336
				4	337
				5	338
				6	339
				7	340
				8	341
				9	342
				10	343
				11	344
				12	345
				13	346
				14	347
				15	348
SNDMAIL	3	40-42	Second Mailing	(Same Codes as "FSTMAIL")	
TRDMAIL	3	43-45	Third Mailing	(Same Codes as "FSTMAIL")	
RETURN	3	46-48	Date Survey Received at P.H.O.	(Same Codes as "FSTMAIL")	

```
// JOB
/*ROUTE PRINT RMT861
/*SENDTO DAVE/SED/TDC-4-1979
//S1 EXEC SPSS
//FT02F001 DD UNIT=PUBLIC,SPACE=(TRK,(100,100))
//FT04F001 DD DSN=EPPRD02.SURVHAWN.SPSS,UNIT=HSTAPE,DISP=(NEW,CATLG)
//FT08F001 DD DSN=EPPRD02.HAWAII,UNIT=ONLINE,DISP=OLD
//SYSIN DD *
RUN NAME        1982 HAWAII VISITOR SURVEY
FILE NAME       SURVHAWN
VARIABLE LIST   CARDM,RESPN,TNITES,MAINSTOP,PARTSZ,PARTYPE,TRPRTS,TRPRTF,RABKET,
                VIRGFALL,MARCREEK,BIGBEND,DMANVALY,KRAUSPGS,HIKE,CLIMB,SPRTFISH,
                NTSTUDY,PHOTO,OTHER1,DESIGCMP,NPARTMET,CROWDED,DISTURB,
                NATDIST1,LOCDIST1,SIZDIST1,NATDIST2,LOCDIST2,SIZDIST2,NATDIST3,
                LOCDIST3,SIZDIST3,NATDIST4,LOCDIST4,SIZDIST4,LVISTRS,FIRST
                SECOND,DIMINSHP,AIRCRAFT,MPWRBOAT,MAIRCRFT,FACIMPV,CMPGRND,TRLS,
                EMERGNC,TRIPINFO,PARKINF,OTHER2,MOTVAT1 TO MOTVAT3,SATISFAC,
                HIGHPTS1 TO HIGHPTS3,DETRACT1 TO DETRACT3,CARD2,RESP2,PREVISIT,
                FRIENDS,PARKINFO,OTHPARK,CGOT,MEDIA,AIRLINE,CLUB,OTHER3,ROUTE,
                TRIPNITE,NWTNITES,CAMNITES,PREPAID,PRECOST,TRANSWT,TRANPARK,
                SIDETRIP,ACCOMMOD,MEALS,OUTFIT,OTHERA,OTHERB,EXPNSDEP,COSTDEP,
                TOTLCOST,NWTCOST,PARTYEXP,ACCOMWT,RESTAUR,GROCBEV,OUTERFEE,
                LOCTRANS,ENTRTAIN,CRAFTS,OTHER4,PERSONAL,CARD3,RESP3,MOTFSIMP,
                MOTNAMNI,MOTYELLO,MOTOTH,LOGFSIMP,LOGNAMNI,LOGYELLO,LOGOTH,
                FRMFSIMP,FRMNAMNI,FRMYELLO,FRMOTH,CAMFSIMP,CAMNAMNI,CAMYELLO,
                CAMOTH,OTHFSIMP,OTHNAMNI,OTHYELLO,OTHOTH,CARD4,RESP4,REGISTER,
                PLACEREG,DATEIN,DATEOUT,STAY,PARSIZE,RCMP,FISHLIC,FIREARMS,TOUR,
                TMODE,CLIMBING,HIKING,SKITOUR,CAMPING,CAMPFIRE,
                OTHERS,START,FINISH,TREGION,FSTMAIL,SNDMAIL,TRDMAIL,RETURN
INPUT MEDIUM    DISK
N OF CASES      UNKNOWN
INPUT FORMAT    FIXED(F1.0,F3.0,F2.0,F1.0,F2.0,F1.0,8F2.0,7F1.0,F2.0,38F1.0/
                F1.0,F3.0,10F1.0,3F2.0,F1.0,F4.0,9F1.0,F4.0,F5.0,F4.0,F2.0,F4.0,
                2F3.0,F4.0,5F3.0/F1.0,F3.0,20F1.0,/F1.0,F3.0,F4.0,F1.0,2F3.0,
                2F2.0,4F1.0,F3.0,8F1.0,F2.0,4F3.0)
MISSING VALUES  TNITES,PARTSZ,TRPRTS TO KRAUSPGS,NPARTMET,TRIPNITE,NWTNITES(00)/
                MAINSTOP,PARTYPE,DESIGCMP,CROWDED,DISTURB,LVISTRS,DIMINSHP,
                AIRCRAFT,FACIMPV,SATISFAC,ROUTE(0)/NATDIST1 TO SIZDIST4,FIRST,
                SECOND,MPWRBOAT,MAIRCRFT,CMPGRND TO MOTVAT3,HIGHPTS1 TO OTHER3,
                TRANSWT TO EXPNSDEP,MOTFSIMP TO OTHOTH,PLACEREG,RCMP TO TOUR
                CLIMBING TO FINISH(0,9)/
                CAMNITES,STAY,PARSIZE(00,99)/PRECOST,COSTDEP,NWTCOST,
                ACCOMWT,OUTERFEE(9999,0000)/TOTLCOST(99999,00000)/RESTAUR,
                GROCBEV,LOCTRANS TO PERSONAL(999,000)/REGISTER(9999)/DATEIN,
                TMODE,DATEOUT,FSTMAIL,SNDMAIL,TRDMAIL,RETURN(999)/TREGION(99)
VAR LABELS      RESPN  RESPONDENT/TNITES  TRIP NIGHTS/MAINSTOP  DESTINATION/
                PARTSZ  PARTY SIZE/PARTYPE  PARTY TYPE/TRPRTS  TRIP START/
                TRPRTF  TRIP FINISH/RABKET  RABBIT KETTLE LAKE/VIRGFALL  VIRGINIA
                FALLS/MARCREEK  MARENGO CREEK/BIGBEND  THE BIG BEND/DMANVALY
                DEADMAN VALLEY/KRAUSPGS  KRAUS HOT SPRINGS/SPRTFISH  SPORT
                FISHING/NTSTUDY  NATURE STUDY/PHOTO  PHOTOGRAPHY/DESIGCMP
                DESIGNATED CAMP SITES/NPARTMET  NUMBER OF PARTIES MET/NATDIST1
                NATURE OF DISTURBANCE/LOCDIST1  LOCATION OF DISTURBANCE/SIZDIST1
                SIZE OF GROUP/LVISTRS  LIMIT VISITORS/FIRST  FIRST CHOICE/SECOND
                SECOND CHOICE/DIMINSHP  ENJOYMENT DIMINSHED BY POWERBOATS/
                AIRCRAFT  ENJOYMENT DIMINISHED BY AIRCRAFT/MPWRBOAT  MEASURES
                FOR BOATS/MAIRCRFT  MEASURES FOR AIRCRAFT/FACIMPV  FACILITY
                IMPROVEMENT/CMPGRND  CAMPGROUND/TRLS  TRLS/EMERGNC
                EMERGENCY SHELTERS/TRIPINFO  TRIP INFORMATION/PARKINF  PARK
                INFORMATION/MOTVAT1  MOTIVATION ONE/MOTVAT2  MOTIVATION TWO/
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MOTVAT3 MOTIVATION THREE/SATISFAC SATISFACTION/HIGHPTS1
HIGHPOINTS ONE/HIGHPTS2 HIGHPOINTS TWO/HIGHPTS3 HIGHPOINTS
THREE/PREVISIT PREVIOUS PARK VISIT/FRIENDS FRIENDS RECOUNT/
PARKINFO PARK INQUIRY/OTHPARK OTHER PARKS CANADA INFORMATION/
CGOT CANADIAN GOVERNMENT OFFICE OF TOURISM/MEDIA NEWSPAPER
AND BOOKS BY PATTERSON AND TURNER/CLUB WHITEWATER
ADVENTURES,TRAILHEAD,OTHER CLUB/TRIPNITE NIGHTS
AWAY FROM HOME/NWTNITES NIGHTS IN NWT/CANNITES NIGHTS IN CANADA
/PRECOST PREPAID COST PER PERSON/TRANSWT TRANSPORTATION TO NWT/
TRANPARK TRANSPORTATION IN AND OUT OF PARK/SIDETRIP OTHER
SIDETRIPS/ACCOMMOD ACCOMMODATION/OUTFIT OUTFITTER FEES/EXPNSDEP
EXPENSE TO DEPARTURE POINT/COSTDEP COST TO DEPARTURE POINT/
TOTLCOST OVERALL EXPENDITURES IN CANADA/NWTCOST TOTAL EXPENSES
IN NWT/ACCOMNWT ACCOMMODATION NWT/RESTAUR MEALS NWT/GROCBEV
GROCERIES AND BEVERAGES/OUTERFEE OUTFITTERS FEES NWT/LOCTRANS
LOCAL TRANSPORTATION/ENTRTAIN ENTERTAINMENT/CRAFTS ARTS AND
CRAFTS/OTHER4 OTHER MAJOR PURCHASES NWT/PERSONAL PERSONAL AND
MISCELLANEOUS/HOTFSIMP FORT SIMPSON HOTEL/HOTNAHNI NAHANNI
HOTEL/HOTYELLO YELLOWKNIFE HOTEL/HOTOTH OTHER HOTEL/LOGFSIMP
FORT SIMPSON LODGE/LOGNAHNI NAHANNI LODGE/LOGYELLO YELLOWKNIFE
LODGE/LOGOTH OTHER LODGE/FRNFSIMP FRIENDS IN FORT SIMPSON/
FRNNAHNI FRIENDS IN NAHANNI/FRNYELLO FRIENDS IN YELLOWKNIFE/
FRNOTH FRIENDS OTHER/CAMFSIMP CAMP FORT SIMPSON/CAMNAHNI CAMP
AT NAHANNI/CAMYELLO CAMP AT YELLOWKNIFE/CAMOTH CAMP OTHER/
OTHFSIMP OTHER FORT SIMPSON/OTHNAHNI OTHER NAHANNI/OTHYELLO
OTHER YELLOWKNIFE/OTHOTH OTHER/REGISTER REGISTRATION/PLACEREG
PLACE OF REGISTRATION/DATEIN DATE ENTERED PARK/DATEOUT DATE
LEFT PARK/STAY LENGTH OF STAY/PARSIZE PARTY SIZE/RCMP REGISTER
WITH RCMP/FISHLIC FISHING LICENSE/TOUR ORGANIZED TOUR/
TMODE MODE OF TRANSPORTATION IN PARK/TREGION
REGION OF ORIGIN/FSTMAIL DATE SURVEY MAILED/RETURN DATE SURVEY
RETURNED

VALUE LABELS MAINSTOP(1)MAIN DESTINATION (2)ONE OF SEVERAL STOPS (3)OTHER/
PARTYPE (1)YOURSELF (2)FAMILY OR FRIENDS
(3)CLUB (4)COMMERCIAL TOUR/TRPRTS,TRPRTF (01)MOOSE PONDS
(02)ISLAND LAKES (03)LITTLE NAHANNI (04)RABBIT KETTLE LAKE
(05)SEAPLANE LAKE (06)VIRGINIA FALLS (07)NAHANNI BUTTE
(08)DEADMAN VALLEY (09)OTHER (13)OTHER/RABKET TO KRAUSPGS (98)
NONE/HIKE TO OTHER1 (1)YES (2)NO/DESIGCMP (1)DESIGNATED CAMPSITE
(2)ANYWHERE ALONG RIVER/NPARTMET (98)NONE/CROWDED (1)NONE (2)1-3
(3)4-6 (4)7-10 (5)MORE/DISTURB,LVISTRS,DIMINSHP,AIRCRAFT,FACIMPV,
PREPAID,EXPNSDEP,RCMP,FISHLIC TO OTHER5 (1)YES (2)NO/NATDIST1,
NATDIST2,NATDIST3,NATDIST4 (1)ARMY MANOEUVRES (2)GARBAGE (3)NOISE
(4)VANDALISM (5)POWERBOATS AIRCRAFT (6)UNSAFE PRACTICES BY OTHER
GROUPS (7)OVERCROWDED (8)OTHER (9)OTHER/LOCDIST1,LOCDIST2,
LOCDIST3,LOCDIST4 (1)NAHANNI BUTTE (2)KRAUSE HOT SPRINGS
(3)LITTLE NAHANNI (4)GLACIER LAKE (5)VIRGINIA FALLS (6)FIGURE 8
RAPIDS (7)DEADMAN VALLEY (8)OTHER/SIZDIST1,SIZDIST2,SIZDIST3,
SIZDIST4 (1)1-3 (2)4-7 (3)8-11 (4)12-15 (5)16-19 (6)20-29
(7)MORE THAN 30/FIRST,SECOND (1)LIMIT PARTY SIZE (2)RESERVATION
(3)LOTTERY (4)QUOTA (5)OTHER/MPWRBOAT,MAIRCRFT (1)NO RESTRICTIONS
(2)CERTAIN AREAS ONLY (3)LIMIT NUMBERS (4)JUST OUTFITTERS
(5)PRIVATE INDIVIDUALS (6)NOT ALLOWED (7)PARK STAFF ONLY/
CMPGRND TO OTHER2 (1)DEVELOPED/MOTVAT1 TO MOTVAT3 (1)WILDERNESS
EXPERIENCE (2)BOOKS MEDIA MAGAZINES (3)PREVIOUS VISIT (4)SCENERY
(5)PERSONAL CHALLENGE (6)WHITEWATER CANOEING (7)SECLUSION
(8)OTHER/SATISFAC (1)EXCEEDED EXPECTATIONS (2)SATISFIED (3)
DISSATISFIED (4)MISERABLE (5)OTHER/HIGHPTS1 TO HIGHPTS3
(1)VIRGINIA FALLS (2)KRAUS HOT SPRINGS (3)RECREATIONAL ACTIVITIES
(4)SCENERY (5)CANYONS (6)PARK STAFF (7)MOOSE PONDS (8)OTHER/

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                    DETRACT1 TO DETRACT3 (1)NO CAMPSITE AT NAHANNI BUTTE (2)SMOKE
                    FROM FIRE (3)PRESENCE OF ARMY (4)POWER BOATS (5)OVERCROWDING
                    (6)GARBAGE (7)LACK OF WILDLIFE (8)OTHER/PREVISIT TO OTHER3 (1)YES
                    /ROUTE (1)MACKENZIE HWY (2)ALASKA HWY TO WATSON LAKE (3)ROAD TO
                    FORT NELSON (4)ROAD TO TUNGSTEN (5)MACKENZIE AND LIARD TO BLACK
                    STONE RIVER (6)AIR TO FORT SIMPSON (7)AIR TO WATSON LAKE (8)OTHER
                    /TRANSIT TO OTHER8  (1)YES/PLACEREG (1)FORT SIMPSON (2)RABBIT
                    KETTLE (3)NAHANNI BUTTE (4)OTHER/TMODE (122)CANOE (212)RAFT
                    (221)POWERBOAT (222)OTHER/TREGION (01)NFLD AND LABRADOR
                    (02)PEI (03)NOVA SCOTIA (04)NEW BRUNSWICK (05)QUEBEC (06)ONTARIO
                    (07)MANITOBA (08)SASKATCHEWAN (09)ALBERTA (10)BRITISH COLUMBIA
                    (11)NORTHWEST TERRITORIES (12)YUKON (13)NEW ENGLAND (14)NORTH
                    EAST (15)MIDWEST (16)SOUTH (17)WEST (18)UNITED KINGDOM
                    (19)NETHERLANDS (20)BELGIUM (21)FRANCE (22)WEST GERMANY
                    (23)LUXEMBOURG (24)SWITZERLAND (25)NORWAY (26)SWEDEN (27)DENMARK
                    (28)FINLAND (29)ICELAND (30)GREENLAND (31)ITAY (32)SPAIN
                    (33)PORTUGAL (34)GREECE (35)EASTERN EUROPE (36)JAPAN
                    (37)AUSTRALIA AND NEW ZEALAND (38)MEXICO (39)CENTRAL AND SOUTH
                    AMERICA (97)OTHER
IF                  (TMODE EQ 212 AND (TREGION EQ 11 OR TREGION EQ 12)) WTFACTOR=5.0
IF                  (TMODE EQ 212 AND (TREGION EQ 09 OR TREGION EQ 10)) WTFACTOR=3.44
IF                  (TMODE EQ 212 AND (TREGION EQ 01 OR TREGION EQ 02 OR TREGION EQ
                    03 OR TREGION EQ 04 OR TREGION EQ 05 OR TREGION EQ 06 OR
                    TREGION EQ 07 OR TREGION EQ 08)) WTFACTOR=1.0
IF                  (TMODE EQ 212 AND (TREGION EQ 13 OR TREGION EQ 14 OR TREGION
                    EQ 15 OR TREGION EQ 16 OR TREGION EQ 17)) WTFACTOR=2.44
IF                  (TMODE EQ 212 AND (TREGION EQ 18 OR TREGION EQ 20 OR TREGION
                    EQ 21 OR TREGION EQ 22 OR TREGION EQ 24 OR TREGION EQ 37))
                    WTFACTOR=2.5
IF                  (TMODE EQ 221 AND (TREGION EQ 11 OR TREGION EQ 12))
                    WTFACTOR=14.35
IF                  (TMODE EQ 221 AND (TREGION EQ 09 OR TREGION EQ 10)) WTFACTOR=2.49
IF                  (TMODE EQ 221 AND (TREGION EQ 01 OR TREGION EQ 02 OR TREGION EQ
                    03 OR TREGION EQ 04 OR TREGION EQ 05 OR TREGION EQ 06 OR TREGION
                    EQ 07 OR TREGION EQ 08)) WTFACTOR=2.0
IF                  (TMODE EQ 221 AND (TREGION EQ 13 OR TREGION EQ 14 OR TREGION EQ
                    15 OR TREGION EQ 16 OR TREGION EQ 17)) WTFACTOR=3.0
IF                  (TMODE EQ 122 AND (TREGION EQ 11 OR TREGION EQ 12)) WTFACTOR=1.77
IF                  (TMODE EQ 122 AND (TREGION EQ 09 OR TREGION EQ 10)) WTFACTOR=2.02
IF                  (TMODE EQ 122 AND (TREGION EQ 01 OR TREGION EQ 02 OR TREGION
                    EQ 03 OR TREGION EQ 04 OR TREGION EQ 05 OR TREGION EQ 06 OR
                    TREGION EQ 07 OR TREGION EQ 08)) WTFACTOR=1.43
IF                  (TMODE EQ 122 AND (TREGION EQ 13 OR TREGION EQ 14 OR TREGION EQ
                    15 OR TREGION EQ 16 OR TREGION EQ 17)) WTFACTOR=1.68
IF                  (TMODE EQ 122 AND (TREGION EQ 18 OR TREGION EQ 20 OR TREGION EQ
                    21 OR TREGION EQ 22 OR TREGION EQ 24 OR TREGION EQ 37))
                    WTFACTOR=3.46
WEIGHT              WTFACTOR
FREQUENCIES         GENERAL=TMODE
SAVE FILE
FINISH
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POOR

QUALITY

ORIGINAL